Cancel claims 48, 52 and 55-57.

43. (Amended) A capacitor construction, comprising:

a first capacitor electrode;

a perovskite-type dielectric material over the first capacitor electrode, the perovskite-type dielectric material comprising a first layer proximate the first electrode and a second layer against the first layer and further from the first electrode than the first layer, said second layer having a different amount of crystallinity than the first layer; the perovskite-type material comprising barium, strontium, titanium and oxygen throughout both the first and second layers; and

a second capacitor electrode over the perovskite-type dielectric material.

44. (Amended) The capacitor construction of claim 43 wherein the first layer comprises a thickness of from about 10Å to about 50Å; and the second layer comprises a thickness of from about 50Å to about 500Å.

45. (Amended) The capacitor construction of claim 43 wherein the first layer has less crystallinity than the second layer.

46. (Amended) The capacitor construction of claim 43 wherein the first layer is substantially amorphous and the second layer is substantially crystalline.

47. (Amended) The capacitor construction of claim 43 wherein the perovskite-type material comprises a third layer proximate the second capacitor electrode, wherein the

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second layer is between the first and third layers, and wherein the third layer has an amount of crystallinity that is about the same as the first layer.

49. (Amended) The capacitor construction of claim 47 wherein the first layer comprises a thickness of from about 10Å to about 50Å; the second layer comprises a thickness of from about 50Å to about 500Å; and the third layer comprises a thickness of from about 10Å to about 50Å.

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50. (Amended) The capacitor construction of claim 43 wherein the perovskite-type material has a different chemical composition in the second layer than in the first layer.

51. (Amended) The capacitor construction of claim 43 wherein the perovskite-type material has the same chemical composition in the first and second layers.

53. (Amended) The capacitor construction of claim 43 wherein the perovskite-type material consists essentially of barium, strontium, titanium and oxygen throughout first and second layers.

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54. (Amended) The capacitor construction of claim 43 wherein the perovskite-type material consists of barium, strontium, titanium and oxygen throughout the first and second layers.

61. (new) A capacitor construction, comprising:

a first capacitor electrode;

a perovskite-type dielectric material over the first capacitor electrode, the perovskite-type dielectric material comprising a first layer proximate the first electrode and a second layer against the first layer and further from the first electrode than the first layer, said second layer having a different amount of crystallinity than the first layer; the perovskite-type material having the same chemical composition in the first and second layers; and

a second capacitor electrode over the perovskite-type dielectric material.

62. (new) A capacitor construction, comprising:

a first capacitor electrode;

a perovskite-type dielectric material over the first capacitor electrode, the perovskite-type dielectric material comprising a first layer proximate the first electrode and a second layer against the first layer and further from the first electrode than the first layer, said second layer having a different amount of crystallinity than the first layer; the perovskite-type material comprising barium strontium titanate throughout both the first and second layers; and

a second capacitor electrode over the perovskite-type dielectric material.

63. (new) A capacitor construction, comprising:

a first capacitor electrode;

a perovskite-type dielectric material over the first capacitor electrode, the perovskite-type dielectric material comprising a first layer proximate the first electrode and a second layer against the first layer and further from the first electrode than the first layer, said second layer having a different amount of crystallinity than the first layer; the perovskite-type material comprising barium titanate throughout both the first and second layers; and

a second capacitor electrode over the perovskite-type dielectric material.

64. (new) A capacitor construction, comprising:

a first capacitor electrode;

a perovskite-type dielectric material over the first capacitor electrode, the perovskite-type dielectric material comprising a first layer proximate the first electrode and a second layer against the first layer and further from the first electrode than the first layer, said second layer having a different amount of crystallinity than the first layer; the perovskite-type material comprising lead zirconium titanate throughout both the first and second layers; and

a second capacitor electrode over the perovskite-type dielectric material.

65. (new) The capacitor construction of claim 64 wherein the perovskite-type material comprises lanthanum doped lead zirconium titanate throughout both the first and second layers.